

N^o 21,585



A.D. 1911
DUPLICATE

Date of Application, 30th Sept., 1911

Complete Specification Left, 25th Mar., 1912—Accepted, 26th Sept., 1912

PROVISIONAL SPECIFICATION.

Improvements in Cooling Apparatus for Wine and like Bottles.

We, BERNHARD KUTSCHERA, and MAX PORSCHITZ, both of 19, Steingasse, Frankfort-on-Main, Germany, Waiters, do hereby declare the nature of this invention to be as follows:—

5 The present invention relates to an apparatus for cooling wine and like bottles and for facilitating the pouring out of their contents.

10 The improved apparatus consists of a double-walled receptacle which is swingingly suspended between two brackets on a tray, the receptacle being adapted to receive and hold a bottle inserted therein from the bottom which is closed by means of a screw-cap. By means of ice or some refrigerating substance introduced between the walls of the receptacle, the bottle is kept cool, and the bottle and receptacle remain perfectly dry since the cooling space is hermetically closed by the screw-cap.

In the accompanying drawings the invention is illustrated by way of example,

Fig. 1 representing a longitudinal section of the cooling receptacle, and

15 Fig. 2 a perspective view of the complete arrangement.

20 The cooling receptacle is formed with double-walls *a* leaving a space *b* between them for the reception of ice or of some refrigerating substance. Both ends of the receptacle are open, the upper end being somewhat contracted so as to conform with the shape of the bottle, the lower end being fitted with an external screw-thread for the reception of a screw-cap *c*. This cap is applied to the receptacle after the bottle *k* and the cooling materials have been introduced into their respective compartments and it is adapted to close both the receptacle itself and the cooling space *b*, a washer *d* of rubber or the like being provided in the cap for effecting a hermetic closure against the edges of the walls *a*.

25 To enable the receptacle to hold bottles of various sizes a collar *e* is fitted in its upper end which collar is provided with spring-acting inwardly projecting tongues adapted to grip the neck of the bottle. This collar may, however, be substituted by a suitable cork or rubber packing which is applied to the bottle previous to its insertion into the receptacle.

30 In order to facilitate the handling of the receptacle for pouring out the contents of the bottle, a tray *h* is provided on which two upright brackets *i* are mounted, and the receptacle is fitted with two diametrically opposed pivots *g* by means of which it can be swingingly suspended on and between said brackets as shown in Fig. 2. A handle *f* is also provided on the receptacle which can thus be conveniently carried together with the bottle and tilted between the brackets for pouring out the contents. If any spilling of the liquid should take place such liquid is caught by the tray which thus ensures cleanliness. No water can leak out from the cooling space, and the bottle and the receptacle can therefore be kept perfectly dry and clean.

40 The apparatus is made of any suitable material and may be ornamented to suit any particular taste. The tray is preferably made large enough to hold a few glasses in addition to the receptacle.

Apart from the facility with which the contents of the bottle may be poured

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out there is the additional advantage that the bottle need not be touched during the operation.

The apparatus may also be employed as an insulator for instance by using the space *b* as a vacuum jacket, the air being extracted therefrom after the application to the receptacle of the screw-cap *c*.

Dated this 29th day of September, 1911.

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Agent for the Applicants.

COMPLETE SPECIFICATION.

Improvements in Cooling Apparatus for Wine and like Bottles.

We, BERNHARD KUTSCHERA, and MAX PORSCHITZ, both of 19, Steingasse, Frankfort-on-Main, Germany, Waiters, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

The present invention relates to an apparatus for cooling wine and like bottles and for facilitating the pouring out of their contents.

The improved apparatus belongs to the kind consisting of a double-walled receptacle which is swingingly suspended between two brackets on a tray, the receptacle being adapted to receive and hold a bottle inserted therein from the bottom and to cool such bottle by means of ice or the like interposed between the walls the space between which is hermetically closed.

According to the invention a receptacle is provided in which the space between the walls is open at the lower end. The base of the bottle passes within the lower end of the receptacle, and the latter is closed by a screw cap which also closes the space between the walls so as to hold ice or a refrigerating substance within said space.

In the drawings left with the Provisional Specification the invention is illustrated,

Fig. 1 representing a longitudinal section of the cooling receptacle,

Fig. 2 a perspective view of the complete arrangement.

The cooling receptacle is formed with double-walls *a* leaving a space *b* between them for the reception of ice or of some refrigerating substance. Both ends of the receptacle are open, the upper end being somewhat contracted so as to conform with the shape of the bottle, the lower end being fitted with an external screw-thread for the reception of a screw-cap *c*. This cap is applied to the receptacle after the bottle *k* and the cooling materials have been introduced into their respective compartments and it is adapted to close both the receptacle itself and the cooling space *b*, a washer *d* of rubber or the like being provided in the cap for effecting a hermetic closure against the edges of the walls *a*.

To enable the receptacle to hold bottles of various sizes a collar *e* is fitted in its upper end which collar is provided, in known manner, with spring-acting inwardly projecting tongues adapted to grip the neck of the bottle. This collar may, however, be substituted by a suitable cork or rubber packing which is applied to the bottle previous to its insertion into the receptacle.

In order to facilitate the handling of the receptacle for pouring out the contents of the bottle, a tray *h* is provided on which two upright brackets *i* are mounted, and the receptacle is fitted with two diametrically opposed pivots *g* by means of which it can be swingingly suspended on and between said brackets as shown in Fig. 2. A handle *f* is also provided on the receptacle which can thus

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be conveniently carried together with the bottle and tilted between the brackets for pouring out the contents. If any spilling of the liquid should take place such liquid is caught by the tray which thus ensures cleanliness. No water can leak out from the cooling space, and the bottle and the receptacle can therefore
5 be kept perfectly dry and clean.

The apparatus is made of any suitable material and may be ornamented to suit any particular taste. The tray is preferably made large enough to hold a few glasses in addition to the receptacle.

Apart from the facility with which the contents of the bottle may be poured
10 out there is the additional advantage that the bottle need not be touched during the operation.

The apparatus may also be employed as an insulator for instance by using the space *b* as a vacuum jacket, the air being extracted therefrom after the application to the receptacle of the screw-cap *c*.

15 Having now particularly described and ascertained the nature of our said invention, and in what manner the same is to be performed, we declare that what we claim is:—

In a cooling apparatus of the kind referred to for wine and like bottles, a receptacle in which the space between the walls is open at the lower end, and a
20 screw-cap for closing the lower end of the receptacle including the space between the walls so as to hold ice or a refrigerating substance in said space, substantially as set forth.

Dated this 23rd day of March, 1912.

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